IN THE CLAIMS

1. – 14.(Cancelled)

15. (Currently Amended) An electronic component for ~~connection to~~ connecting to and exchanging data with a telecommunications network, ~~and data exchange in accordance with at least a part of Internet protocols,~~ the electronic component comprising a DSP (Digital Signal processor) which DSP further comprises: ~~including~~

at least one memory in which is loaded a program for implementing ~~the~~ an Internet ~~protocols~~ protocol array and for running at least one of a ~~including routines for~~ message handling routine, a FTP download routine ~~and/or~~ and a routine providing Web server functionalities~~, the DSP further comprising~~ ;

a signal processing program for ~~exchange of~~ exchanging data on ~~the~~ a telecommunications network; and

a supervisory layer software for: converting data exchanged between the DSP and a communications device into data messages exchanged with a remote system; automatically generating outgoing calls to an internet service provider (ISP); and confirming whether a datum has been sent to the remote system;

wherein the protocol array, the signal processing program, and the supervisory layer software are jointly integrated in the DSP.

16 (Previously Presented) The electronic component according to Claim 15, where the signal processing program is a modem program.

17. (Currently Amended) The electronic component according to Claim 15, wherein the telecommunications network is a switched telephone network. ~~and the signal processing program is~~

~~adapted for exchange of data on the switched telephone network~~.

18. (Currently Amended) The electronic component according to Claim 15, wherein the telecommunications network is a local radio network. ~~and the signal processing program is adapted for exchange of data on the local radio network~~.

19. (Currently Amended) The electronic component according to Claim 15, wherein the telecommunications network is an electric network. ~~and the signal processing program is adapted for exchange of data on the electric network~~.

20. (Currently Amended) The electronic component according to Claim 15, further comprising an analogue/digital conversion component ~~that connects with~~ for connecting to the telecommunications network.

21. (Previously Presented) The electronic component according to Claim 15, wherein the at least one memory is a memory of at least 8 kilowords.

22. (Cancelled)

23. (Currently Amended) The electronic component according to Claim 15, wherein the DSP is integrated into a communications device for exchanging data with the remote system through an internet service provider. ~~in an equipment for exchange of data between said equipment and a remote system through an Internet service provider, the electronic component further comprising a protocol array and a supervisory layer software which converts data exchanged in both transmission directions by the DSP with the equipment, into data contained within messages exchanged with the remote system through Internet and generates outgoing calls automatically to the Internet Service Provider for sending an electronic message or verifying possible receipt of an electronic message.~~

24. (Currently Amended) The electronic component according to Claim 23, wherein the

supervisory layer software utilizes acquittal messages and generates callbacks to confirm whether a datum has been sent to the remote system. ~~confirms that a datum has been sent to the remote system by using acquittal messages, and by generating callbacks to the Internet Service Provider, where necessary.~~

25. (Currently Amended) The electronic component according to Claim 23 ~~15~~, further comprising at least one protocol selected from the group consisting of

a NAT (Network Address Translation) ~~to~~ for performing a router function; ~~implant an IP address conversion function between different addresses of the internal network equipment and a single IP address of the network seen from the internet;~~ and

a DHCP (Dynamic Host Configuration Protocol) for dynamically assigning IP addresses to network equipment within the communications device. ~~which allows an IP address to be assigned dynamically to each piece of internal network equipment, and to perform the gateway function.~~

26. (Currently Amended) ~~Communication equipment~~ A communications device comprising: a calculator;[[,]] a connector; ~~for a telephone network and keyboarding~~ a keyboard; and a display;[[,]] wherein the connector ~~includes~~ comprises an electronic component for connecting to and exchanging data with a telecommunications network, the electronic component further comprising a DSP which DSP further comprises:

at least one memory in which is loaded a program for implementing an Internet protocol array and for running at least one of a message handling routine, a FTP download routine and a routine providing Web server functionalities;

a signal processing program for exchanging data on the telecommunications network; and

a supervisory layer software for: converting data exchanged between the DSP and the

communications device into data messages exchanged with a remote system; automatically generating outgoing calls to an internet service provider (ISP); and confirming whether a datum has been sent to the remote system;

wherein the protocol array, the signal processing program, and the supervisory layer software are jointly integrated in the DSP.

~~connection to the telephone network and data exchange in accordance with at least a part of Internet protocols, comprising a DSP (Digital Signal Processor) including at least on memory in which is loaded a program implementing the Internet protocols including routines for message handling, FTP download and/or Web server functionalities, the DSP further comprising a signal processing program for exchange of data on the network.~~

27. (Cancelled)

28. (Cancelled)